NARRATIVE REPORT

1.0 **BUILDING INFORMATION**

Stevens Hall was originally constructed in 1966; a 1967 addition extended the building to the west and included the Stevens Hall Auditorium. Although specific information could not be located, small renovations are evident.

Stevens Hall is a four-story, 50,372 ft² building which primarily serves as office areas and lab spaces for science personnel. Van Es Hall (A082) is attached to the west side of the building by a tunnel and is reported separately; the tunnel is reported with Van Es Hall (A082).

The interior floor finishes included concrete, floor tile, and carpet; the interior wall finishes included gypsum wallboard, brick, concrete block, and ceramic block; and the interior ceiling finishes included ceiling tile, plaster, and metal. The roofing system is a flat rubber-membrane roof and the exterior of the structure is brick.

The piping systems were insulated; fiberglass insulation (with and without hard fittings) and mag block insulation (with hard fittings) are located in both the 1966 and the 1967 buildings. Steam and domestic water enter the building in room 102. HVAC systems located in the building consisted of steam unit heaters, steam radiators, and forced air furnaces equipped with heating/cooling coils.

2.0 **ASBESTOS SURVEY INFORMATION**

Stevens Hall was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 7" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 7" for methodologies, definitions, and other pertinent supporting information.

A total of 152 samples were collected from suspect asbestos-containing materials (ACM) from Stevens Hall on July 25, 2007, an additional 2 samples were collected on August 17, 2007, an additional 1 sample was collected on September 27, 2007, and an additional 23 samples were collected on February 27, 2008. Laboratory analysis results indicate **54 of these samples tested positive for asbestos**.

2.1 Suspect Materials Identified and Sampled

Hard Plaster- Skimcoat (3 types)

Hard Plaster- Monocoat
Joint Compound (4 types)
Sink Undercoating (9 types)
Floor Tile Mastic (4 types)

Floor Tile Mastic (4 types)

Hard Fittings on Mag Block Insulation Encapsulant on Fiberglass Insulation Canvas Wrap on Fiberglass Duct (3 types)

Window Glazing (4 types)

Carpet Mastic (with residual black mastic)

Baseboard Adhesive (3 types)

Wall Texture (2 types)

Cementitious Material (on pillar)

Hard Plaster- Basecoat (3 types)

Gypsum Wallboard (6 types)
Ceiling Tile (5 types)

Floor Tile (4 types)

Hard Fittings on Fiberglass Insulation

Mag Block Pipe Insulation Tank Insulation (2 types) Floor Filler Material Window Caulk (2 types) Carpet Mastic (3 types)

HVAC Caulk

Ceiling Texture (2 types)
Mortar (on concrete block)

Rainleader Bowl Insulation

Wall Tile

Transite Fume Hoods (3 types)

Underlayment Paper for Linoleum Exterior Window Caulk (3 types) Exterior Building Seam Caulk (7 types)

Window Glazing on Door

Roof Flashing

Exterior Awning- Skimcoat

Exterior Window Glazing on Door

Black Tarpaper (on rainleader bowl)
Black Lab Countertops (11 types)

Linoleum

Exterior Window Glazing (3 types)

Exterior Door Caulk (3 types)
Exterior Penetration Putty
Caulking on Roof HVAC Vents

Exterior Awning Texture

Exterior Awning- Basecoat

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 <u>Asbestos Containing Materials</u>

12" Beige Floor Tile with Gold Streaks & Mastic

Mastic for 12" Beige Floor Tile with Light and Dark Streaks

Mastic for 12" Gray Floor Tile with Dark Gray Specks

Black Sink Undercoating (4 types)

Hard Fittings on Fiberglass Insulation

Rainleader Bowl Insulation

Mag Block Pipe Insulation

Hard Fittings on Mag Block Insulation

Tank Insulation (2 types)

Carpet Mastic (with residual black mastic)

White Sink Undercoating (1 type)

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes

Window Glazing (2 types)

Wall Tile

Window Glazing on Door

Exterior Window Glazing on Door

Black Lab Countertops (5 types)

Transite Fume Hoods (3 types)

9" Floor Tile and Mastic (assumed)

The ACM Locations/ Friable Materials Assessments Table includes ACM locations data.

2.3 Cost Estimates

Legend Technical Services Inc. estimates abatement costs (removal & disposal) of ACM for Stevens Hall as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Ceiling Tile	23,172 SF	\$5.00/ft ²	\$115,860.00
Asbestos Wall Tile	160 SF	\$5.00/ft ²	\$800.00
Asbestos Floor Tile and/or Mastic	25,756 ft ²	\$4.00/ft ²	\$103,024.00
Asbestos Carpet Mastic (with residual black mastic)	240 ft ²	\$4.00/ft ²	\$960.00
Asbestos Window Glazing (all types)	81 ea	\$225.00/ea	\$18,225.00

Asbestos Sink Undercoating	5 ea	\$150.00/ea	\$750.00
Asbestos Hard Fitting on Fiberglass Insulation	791 ea	\$60.00/ea	\$47,460.00
Asbestos Mag Block Pipe Insulation	167 ft	\$25.00/ea	\$4,175.00
Asbestos Hard Fittings on Mag Block Insulation	48 ea	\$25.00/ea	\$1,200.00
Asbestos Tank Insulation	50 ft ²	\$10.00/ft ²	\$500.00
Asbestos Transite Fume Hood	11 ea	\$350.00/ea	\$3,850.00
Asbestos Black Lab Countertops	30 ea	\$350.00/ea	\$10,500.00
Asbestos Rainleader Bowl Insulation	5 ea	\$60.00/ea	\$300.00
Total Estimated Abater	\$307,604.00		

2.4 **Survey Notes**

Using non-destructive sampling techniques, LEGEND pulls the carpet back in at least one corner (approx 6") in every room and randomly selects rooms to collect samples from. LEGEND noted residual black mastic mixed with new carpet mastic in rooms 224 and 225; this mix tested positive for asbestos (NDSU records indicate the residual black mastic should have been abated in rooms 224 and 225). LEGEND recommends assuming all carpeted areas in these rooms to have ACM residual black mastic until a destructive survey can be conducted to verify if the residual black mastic is only in the corners/edges. At that time if the residual black mastic is only in the corners/edges, LEGEND recommends sampling the carpet mastic that does not have residual black mastic under it to verify if it is/isn't an ACM (LEGEND was unable to collect a sample of carpet mastic without the residual black mastic under it).

LEGEND identified and collected samples from 11 separate types (homogeneous areas) of black lab countertops in Stevens Hall. Six types tested positive for asbestos (sample #155/159, 156, 162, 164, 165, and 166); black lab countertops in these six homogeneous areas are identified as ACM on the ACM locations tables and diagrams. Five types tested negative for asbestos (sample #157, 158, 160, 161, and 163); black lab countertops in these five homogeneous areas are non-ACM and are not identified on the ACM location tables and diagrams.

The exterior window glazing for the 1967 building tested positive for asbestos while the 1966 building tested negative for asbestos. Refer to the ACM location maps for further details and locations of the windows that contain asbestos glazing.

LEGEND was able to visually quantify hard fittings on fiberglass insulation throughout most of the building. However, on floors 1-3 inaccessible ceilings and pipe chases prevented LEGEND from verifying the presence of possible additional hard fittings. LEGEND assumes additional hard fittings will be discovered during renovation or demolition activities on the water pipes supplying the bathrooms and on steam pipes providing steam to radiators throughout the building. LEGEND recommends assuming an additional 100 hard fittings on fiberglass insulation on 1st and 2nd floors and an additional 50 hard fittings on 3rd floor.

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

			1				
ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 5 5 F	ASSESS. CAT. ¹	NOTES
Room 101							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	5 fittings	Friable TSI	Good	Physical □□□ Air Erosion □□□ Vibration □□□	5	The hard fittings are on pipe runs that cross the center of the room from east to west.
Room 103 Abated	December 2009)					
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	11 fittings	Friable TSI	Good	Physical □□□ Air Erosion □□□ Vibration □□□	5	The hard fittings are on pipe runs above the ceiling tile throughout the room.
12" Beige Floor Tile with Gold Streaks and Mastic	2-10% Chrysotile	330 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic both contain asbestos.
Room 104					,	1	
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	20 fittings	Friable TSI	Damaged	Physical □□■ Air Erosion ■□□ Vibration ■□□	1	The hard fittings are on pipe runs above and below the ceiling tiles along the east and west walls.
Black Lab Countertop	15% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertop is located along the northwest corner of the room.
Room 105							<u>I</u>
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	11 fittings	Friable TSI	Good	Physical □□□ Air Erosion □□□ Vibration □□□	5	The hard fittings are on pipe runs above the ceiling tile along the east and south walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	224 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	224 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
			1	1			1

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

	1	1	1	1			
ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S ± 6 S € S € S € S € S € S € S € S € S € S	ASSESS.	NOTES
Transite Fume Hood	13% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The transite fume hood is located in the southwest corner of the room.
Black Lab Countertop	15% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertop is located along the south wall and extends into the center of the room.
Room 107							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	17 fittings	Friable TSI	Good	Physical ■□□ Air Erosion □■□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north, east, and south walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	728 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	728 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 108A		1		1			1
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	7 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The hard fittings are on pipe runs above the ceiling tile along the north, east, and south walls.
Room 109							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	12 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration □■□	5	The hard fittings are on pipe runs above the ceiling tile along the west and south walls.
Room 110							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile October 2007	5 fittings	Friable TSI	Good	Physical □■□ Air Erosion ■□□ Vibration	5	The hard fittings are on pipe runs along the west wall.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S E	ASSESS. CAT. ¹	NOTES
Black Lab Countertop	15% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertop is located along the south wall and extends to the east wall in the room.
Room 112							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	2 fittings	Friable TSI	Good	Physical □□□ Air Erosion □□□□ Vibration □□□□	ı	The hard fittings are on pipe runs above the freezer along the northwest wall.
2'x4' Ceiling Tile with tengthwise Fissures and Pinholes Abat	5% Amosite ed December 20	50 ft ²	Friable Miscellaneous	Good	Physical	I	There are only about 5-6 ceiling tiles located in the center portion of the room.
12" Beige Floor Tile with Light and Dark Streaks and Mastic	10% Chrysotile	450 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	Only the mastic contains asbestos. The floor tile tested negative for asbestos
First Floor Entryway	to Van Es Hall		•	•			
Hard Fittings on Fiberglass Insulation Some removed C	5-20% Chrysotile	6 fittings	Friable TSI	Good	Physical		The hard fittings are on pipe runs above the ceiling tile towards the west portion of the walkway by the soda machines.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	224 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□		None.
Room 114 Abated	December 2009		•	•			
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	3 fittings	Friable TSI	Good	Physical □□□ Air Erosion □□□□ Vibration □□□□		The hard fittings are on pipe runs above the ceiling tile along the north, east, and south walls
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	728 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□		None.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) STEVENS HALL (BUILDING A070)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE OF SEPTION OF S	ASSESS. CAT. ¹	NOTES
9" Floor Tile and Mastic	Assumed	728 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Black Lab Countertop	15% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertop is located along the east wall in the room.
Room 115 Abated	Jan 2015						<u>I</u>
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	7 fittings	Friable TSI	Good	Physical □□□ Air Erosion □□□ Vibration □□□	5	The hard fittings are on pipe runs above the ceiling tile along the west wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	144 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	144 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 116 Abated	lan 2015			l	1		
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	15 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north and west walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	144 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	144 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.

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* = Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 5 E E POTENTIAL	ASSESS. CAT. ¹	NOTES
Room 117 Abated	Jan 2015						
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	11 fittings	Friable TSI	Good	Physical ■□□ Air Erosion □■□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north and east walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	180 ft ²	Friable Miscellaneous	Damaged	Physical □□■ Air Erosion □■□ Vibration ■□□	4	None.
9" Floor Tile and Mastic	Assumed	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Transite Fume Hood	13% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The transite fume hood is located along the south wall next to the door in this room.
Black Lab Countertop	15% Chrysotile 2% Amosite	2 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertops are located along the south wall and east walls in the room.
Room 118							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	8 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north and west walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	100 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □□□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	100 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 119	1		1	1	1		'
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	8 fittings	Friable TSI	Damaged	Physical ■□□ Air Erosion ■□□ Vibration ■□□	1	The hard fittings are on pipe runs above the ceiling tile along the north wall.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S H POTENTIAL S S H	ASSESS.	NOTES
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 120			1				
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	8 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 121				l		I	
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	3 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed Page 6 of 37

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 등 목 표 무 POTENTIAL	ASSESS. CAT. ¹	NOTES
Room 122							
9" Floor Tile and Mastic	Assumed	60 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 123							
9" Floor Tile and Mastic	Assumed	40 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 124	•	•					
9" Floor Tile and Mastic	Assumed	40 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 123A Now	Room 199U		1				
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	4 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north and west walls.
9" Floor Tile and Mastic Abated	Assumed June 2024	80 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 124A Now F	Room 199F	•	•			•	
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	2 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north wall.
9" Floor Tile and Mastic Abated	Assumed June 2024	80 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	HIGH MOD HIGH	ASSESS. CAT. ¹	NOTES
Room 125								
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration		5	The hard fittings are on pipe runs along the north wall.
Room 126								
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	45 fittings	Friable TSI	Damaged	Physical Air Erosion Vibration		1	The hard fittings are on pipe runs throughout the room.
Mag Block Pipe Insulation	5-20% Chrysotile 0-20% Amosite	92 ft	Friable TSI	Damaged	Physical Air Erosion Vibration		1	The mag block pipe insulation is throughout the room.
Hard Fittings on Mag Block Insulation	5% Chrysotile 0-5% Amosite	20 ea	Friable TSI	Damaged	Physical Air Erosion Vibration		1	None.
Tank #70-126-06 Insulation	20% Amosite	40 ft ²	Friable TSI	Good	Physical Air Erosion Vibration		1	The tank insulation is located along the middle west wall. It's the large vertical tank.
Small Horizontal Tank Insulation	15% Chrysotile 15% Amosite	10 ft ²	Friable TSI	Good	Physical Air Erosion Vibration		1	The small tank insulation is located along the middle west wall. It's the horizontal tank.
Room 127			,		-			
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile Abated July 2013	7 fittings	Friable TSI	Good	Physical Air Erosion Vibration		5	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures		120 ft ²	Friable Miscellaneous	Good	Physical Air Erosion		6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	Vibration N/A	*	N/A*	The 9" floor tile and master were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 9 E POTENTIAL	ASSESS. CAT. ¹	NOTES
Room 128							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	9 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Black Lab Countertop	15% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertop is along the east wall in the south most end of the room.
Room 129 Hard Fittings on	5-20% Chrysotile	8 fittings	Friable	Good	Physical ■□□	5	The hard fittings are on pipe runs above the
Fiberglass Insulation	Abated July 2013	One fitting	g remains bet	ween 128 ar	d 129 n ■□□		ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite Abated July 2013	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 130							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	8 fittings One fitting	Friable TSI remains betw	Good veen 130 and	Physical ■□□ Air Erosion ■□□□ 131 ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with		120 ft ²	Friable Miscellaneous	Good	Physical	6	None.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 ₹ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ASSESS. CAT. ¹	NOTES
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 131							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile Abated July 2013	8 fittings 8One fitting	Friable TSI g remains bet	Good ween 130 an	Physical ■□□ Air Erosion ■□□ d 131 ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite Abated July 2013	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 132	,		,		,		
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	5 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile in the center of the room.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	85 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	85 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Black Lab Countertop	15% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertop is along the south wall.

^{* =} Non-Friable materials were not assessed Page 10 of 37

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE TO SO THE POTENTIAL POTENTIAL	ASSESS. CAT. ¹	NOTES
Room 132A							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	5 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	56 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	56 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 132B					1		
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	48 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	48 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Black Lab Countertop	15% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertop is along the west wall. (It is the south black lab countertop, the north one does not contain asbestos)
Room 132C							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	9 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north and east walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	60 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	60 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) STEVENS HALL (BUILDING A070)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE TO SO THE POTENTIAL POTENTIAL	ASSESS. CAT. ¹	NOTES
Room 132D							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	17 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs throughout the room.
9" Floor Tile and Mastic	Assumed	54 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 134			-		-	1	
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	20 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along all walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	720 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	720 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Black Sink Undercoating	10% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The sink is along the northwest wall in this room.
Room 135 Abated	Dec 2022		1				
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	8 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north and east walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	384 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	384 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 5 E E POTENTIAL	ASSESS.	NOTES
Room 135A Abated	d Dec 2022						
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	7 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the south wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	192 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	192 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Black Sink Undercoating	10% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The sink is along the north wall in this room.
Room 136					I		
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	39 fittings	Friable TSI	Good	Physical □■□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above and below the ceiling tile along all walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	720 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	720 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 137			<u>I</u>		1		
	5-20% Chrysotile	9 fittings	Friable TSI	Good	Physical □■□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs along all walls.
9" Floor Tile and Mastic	Assumed	60 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 9 F	ASSESS.	NOTES
Room 188 (Corridor t	to Stevens Auditori						
Black Mastic for 12" Gray with Dark Gray Specks Floor Tile	10% Chrysotile	350 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	Only the floor tile mastic contains asbestos.
1 st Floor Hallways							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile emoved 10/2007	39 fittings & 11/2008	Friable TSI	Damaged	Physical ■□□ Air Erosion □■□ Vibration ■□□	1	The hard fittings are on pipe runs above the ceiling tile. Refer to the ACM Location map for more details.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite Portion Abated N	2,000 ft ² lovember 2	Friable Miscellaneous 008	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	2,150 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Window Glazing on Doors	5% Chrysotile	4 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	There are two doors with window glazing by the southwest stairwell and two doors with window glazing by the northeast stairwell.
Room 201 Abated I	February 2009	\neg					
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	8 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the east wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	310 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
Room 201A Abated	February 2009						
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	11 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the east wall.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) STEVENS HALL (BUILDING A070)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 500 H	ASSESS. CAT. ¹	NOTES
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	160 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
Room 201B Abated	February 2009		1	1			
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	•	60 ft ²	Friable Miscellaneous	Good	Physical	6	None.
9" Floor Tile and Mastic	Assumed	60 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 202 Abated	February 2009		1		- L		
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	35 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	35 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 203							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	16 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the south and east walls.
Room 204 Abated N	March 2017	i i	•			•	
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	11 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile in the middle of the room and along the south and east walls.

* = Non-Friable materials were not assessed Page 15 of 37

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	HIGH MOD LOW	ASSESS.	NOTES
Room 205 Abated	March 2017							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	9 fittings	Friable TSI	Damaged	Physical Air Erosion Vibration		5	The hard fittings are on pipe runs above the ceiling tile along the north and south walls.
Transite Fume Hood	13% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A	*	N/A*	The transite fume hood is located along the east wall in this room.
Room 206 Abated	April 2017		,	,	1			
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	20 fittings	Friable TSI	Good	Physical Air Erosion Vibration		5	The hard fittings are on pipe runs above the ceiling tile in the middle of the room and along the west and south walls.
Room 207 Abated	October 2007							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	14 fittings	Friable TSI	Good	Physical Air Erosion Vibration		5	The hard fittings are on pipe runs that cross the center of the room from north to south and along the west wall
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	336 ft ²	Friable Miscellaneous	Good	Physical Air Erosion Vibration		6	None.
Room 210 Abated	Summer 2014							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	15 fittings	Friable TSI	Damaged	Physical Air Erosion Vibration		1	The hard fittings are on pipe runs that cross the center of the room from north to south and along the west wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	200 ft ²	Friable Miscellaneous	Damaged	Physical Air Erosion Vibration		4	The ceiling tile is located in the north half of the room. The south half of the room has a different type of ceiling tile, which is a replacement type.

^{* =} Non-Friable materials were not assessed Page 16 of 37

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) STEVENS HALL (BUILDING A070)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 50 S S S S S S S S S S S S S S S S S S	ASSESS. CAT. ¹	NOTES
Room 211 Abated (October 2007						
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	2 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	90 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	90 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 212 Abated (October 2007					1	
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	6 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the west wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	90 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	90 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 213 Abated (October 2007		<u>I</u>	1	<u> </u>		<u> </u>
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	10 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north and west walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	90 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	90 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 5 E E POTENTIAL	ASSESS.	NOTES
Room 214 Abated	October 2007						
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	6 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	90 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	90 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 219 Abated	Summer 2014		1		L		
9" Floor Tile and Mastic	Assumed	60 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 220 Abated	Summer 2014						<u></u>
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes		72 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	72 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 221 Abated	Summer 2014		1		- L		
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	8 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north and east walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	96 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □□□ Vibration ■□□	6	None.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) STEVENS HALL (BUILDING A070)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 ₹ EGP	ASSESS. CAT. ¹	NOTES
9" Floor Tile and Mastic	Assumed	96 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 222 Abated S	Summer 2014		1	1	1		
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes		118 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	118 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 223 Abated	Summer 2014						
Hard Fittings on	5-20% Chrysotile Abated July 2013	5 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north and west walls.
2'x4' Ceiling Tile with tengthwise Fissures and Pinholes	5% Amosite Abated July 2013	120 ft ²	Friable Miscellaneous	Good	Physical	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 224 Abated	Summer 2014		1	1	1		
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	6 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical	6	None.

* = Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) STEVENS HALL (BUILDING A070)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 5 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	ASSESS.	NOTES
Carpet Mastic (with residual black mastic)	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	Appears to be residual mastic from a previous floor tile installation. Refer to section 2.4 Survey Notes for more information.
Room 225 Abated	Summer 2014						
Hard Fittings on	5-20% Chrysotile Abated July 2013	9 fittings	Friable TSI	Damaged	Physical ■□□ Air Erosion ■□□ Vibration ■□□	1	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with tengthwise Fissures and Pinholes	5% Amosite Abated July 2013	120 ft ²	Friable Miscellaneous	Damaged	Physical	4	None.
Carpet Mastic (with residual black mastic)	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	Appears to be residual mastic from a previous floor tile installation. Refer to section 2.4 Survey Notes for more information.
Room 226 Abated	Summer 2014						
Hard Fittings on	5-20% Chrysotile Abated July 2013	9 fittings	Friable TSI	Damaged	Physical ■□□ Air Erosion ■□□ Vibration ■□□	1	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite Abated July 2013	120 ft ²	Friable Miscellaneous	Damaged	Physical	4	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 227 Abated	Summer 2014		<u>I</u>	<u> </u>	1		1
Hard Fittings on	5-20% Chrysotile Abated July 2013	9 fittings	Friable TSI	Damaged	Physical ■□□ Air Erosion ■□□ Vibration ■□□	1	The hard fittings are on pipe runs above the ceiling tile along the north wall.

* = Non-Friable materials were not assessed Page 20 of 37

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) STEVENS HALL (BUILDING A070)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S E F POTENTIAL	ASSESS. CAT. ¹	NOTES
2'x4' Ceiling Tile with tengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 228 Abated	Summer 2014	1					
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	6 fittings	Friable TSI	Damaged	Physical ■□□ Air Erosion ■□□ Vibration ■□□	1	The hard fittings are on pipe runs above the ceiling tile along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 229 Abated	Summer 2014	1					
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	6 fittings	Friable TSI	Good	Physical ■□□ Air Erosion □□■ Vibration ■□□	5	The hard fittings are on pipe runs above the ceiling tile along the north and east walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	364 ft ²	Friable Miscellaneous	Good	Physical	6	None.
9" Floor Tile and Mastic	Assumed	364 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.

* = Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

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ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S E S POTENTIAL	ASSESS. CAT. ¹	NOTES
Room 230 Abated	June 2009						
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	7 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration □□■	5	The hard fittings are on pipe runs above the ceiling tile along the north and west walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	720 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	720 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 231 Abated	Summer 2014			,		1	
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile pated Dec 2012	14 fittings	Friable TSI	Damaged	Physical ■□□ Air Erosion ■□□ Vibration □■□	1	The hard fittings are on pipe runs that cross the center of the room from east to west and along the north and south walls.
2'x4' Ceiling Tile with Lengthwise Fissurer and Pinholes	5% Amosite bated Dec 2012	480 ft ²	Friable Miscellaneous	Damaged	Physical □□■ Air Erosion □■□ Vibration ■□□	4	None.
9" Floor Tile and Mastic	Assumed	480 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 232 Abated	Summer 2014			l	1		
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	10 fittings	Friable TSI	Damaged	Physical □□□ Air Erosion □□□ Vibration □□■	1	The hard fittings are on pipe runs above the ceiling tile along the south wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	432 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	432 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
	L	L	1	l	1		I

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	HIGH MOD	ASSESS.	NOTES
Room 233 Abated S	Summer 2014							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	14 fittings	Friable TSI	Good	Air Erosion		5	The hard fittings are on pipe runs above the ceiling tile throughout the room.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	160 ft ²	Friable Miscellaneous	Good	Air Erosion		6	None.
9" Floor Tile and Mastic	Assumed	160 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 233A Abated	Summer 2014				1		1	
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	5 fittings	Friable TSI	Good	Air Erosion		5	The hard fittings are on pipe runs above the ceiling tile along the south and west walls
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Air Erosion		6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 234 Abated	November 2008]	L	L				
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	9 fittings	Friable TSI	Good	Air Erosion		5	The hard fittings are on pipe runs above and below the ceiling tiles throughout the room.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	48 ft ²	Friable Miscellaneous	Good	Air Erosion		6	None.
9" Floor Tile and Mastic	Assumed	48 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and master were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ASSESS. CAT. ¹	NOTES
Room 236 (including	the hallways to the	east of the a	uditorium)				
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	45 fittings	Friable TSI	Good	Physical ■□□ Air Erosion □■□ Vibration □■□	5	The hard fittings are on pipe runs above the plaster ceiling throughout the room.
Rainleader Bowl Insulation	5% Chrysotile 5% Amosite	4 ea	Friable TSI	Good	Physical ■□□ Air Erosion □■□ Vibration □■□	5	The rainleader bowls are above the plaster ceiling.
Wall Tiles Abated May 20	5% Chrysotile	160 ft ²	Friable Miscellaneous	Damaged	Physical □□■ Air Erosion □■□ Vibration ■□□	6	The black wall tiles are located along the east wall of the auditorium.
Room 288 Abated	Summer 2014						
2'x4' Ceiling Tile with tengthwise Fissures	5% Amosite ated July 2013	286 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	286 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs. The 9" floor tile and mastic are beneath the carpet.
2 nd Floor Hallways					1	.	
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile ated Summer 20	2 fittings	Friable TSI	Good	Physical □□□ Air Erosion □□□ Vibration □□□	5	The hard fittings are on pipe runs above the ceiling tile outside room 234. Refer to the ACM Location map for more details.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite Abated July 2013	1,800 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic Abated	Assumed Summer 2014	2,200 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Window Glazing on Doors	5% Chrysotile	4 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	There are two doors with window glazing by the southwest stairwell and two doors with window glazing by the northeast stairwell.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

	T		T	T	1		T
ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S H S S S S S S S S S S S S S S S S S	ASSESS.	NOTES
Room 301							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	8 fittings	Friable TSI	Damaged	Physical □□□ Air Erosion □□□ Vibration □□□	1	The hard fittings are on pipe runs scattered throughout the room.
Mag Block Pipe Insulation	5-20% Chrysotile 0-20% Amosite	75 ft	Friable TSI	Damaged	Physical □■□ Air Erosion □□■ Vibration □□■	1	The mag block insulation are located on pipe runs primarily in the west portion of the room.
Hard Fittings on Mag Block Insulation	5% Chrysotile 0-5% Amosite	28 fittings	Friable TSI	Damaged	Physical	1	The hard fittings on mag block pipe insulation are located primarily in the west portion of the room
Room 301A Now R	Room 320						
2'x4' Ceiling Tile with tengthwise Fissures		90 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	90 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 302A Abate	d January 2009-	-Now Room	302				
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes		96 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	96 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 302B Abate	d January 2009	Now Room	302	1			ı
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes		140 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □□□ Vibration ■□□	6	None.

^{* =} Non-Friable materials were not assessed Page 25 of 37

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

Miscellaneous Miscellaneous ACMs.								
Miscellaneous ACMs.		ASBESTOS TYPE		ACM TYPE		DAMAGE 5 € 5 E E POTENTIAL		NOTES
2*x4*Ceiting Tite with tengthwise fissures and Pinholes 100 ft² Friable Miscellaneous Good Physical		Assumed	140 ft ²		N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
tengthwise Fissures and Printoles 9" Floor Tite and Mastic Room 302D Abated January 2009Now Room 302 2"xit' Ceiling Tite with Lengthwise Fissures and Printoles 9" Floor Tite and Miscellaneous 96 ft Priable Miscellaneous Good Physical Air Erosion Old Physical Air	Room 302C Abated	January 2009I	Now Room	302				
Room 302D Abated January 2009Now Room 302 2'x4' Ceiting Tite with Lengthwise Fissures and Finholes 9' Floor Tite and Mastic Room 303 9'' Floor Tile and Mastic Assumed 540 ft² Non-Friable Miscellaneous N/A* N/A*	Lengthwise Fissures	5% Amosite	100 ft ²		Good	Air Erosion □■□	6	None.
2*x4' Ceiling Tile with Lengthwise Fissures and Pinholes 96 ft² Friable Miscellaneous Good Physical ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐		Assumed	100 ft ²		N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
2*x4* Ceiling Tile with Lengthwise Fissures and Pinholes 96 ft² Friable Miscellaneous Good Physical ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	Room 302D Abated	January 2009I	Now Room	302	I		- L	
Room 303 9" Floor Tile and Mastic Transite Fume Hood 15% Chrysotile 1 ea Non-Friable Miscellaneous N/A* N/A* N/A* N/A* N/A* The 9" floor tile and master were assumed ACMs. N/A* N/A* N/A* N/A* N/A* N/A* The transite fume hood is located along the southwest wall next to the door in this roor N/A* Room 303A 9" Floor Tile and Assumed ACMs.	2'x4' Ceiling Tile with Lengthwise Fissures			Friable	Good	Air Erosion □■□	6	None.
9" Floor Tile and Mastic Assumed Mastic Non-Friable Miscellaneous N/A* N/A* N/A* N/A* N/A* The 9" floor tile and master were assumed ACMs. Transite Fume Hood 15% Chrysotile 1 ea Non-Friable Miscellaneous N/A* N/A* N/A* N/A* The transite fume hood is located along the southwest wall next to the door in this roor southwest wall next to the door in this roor Room 303A 9" Floor Tile and Assumed Assumed 60 ft² Non-Friable N/A* N/A* N/A* N/A* The 9" floor tile and master were assumed		Assumed	96 ft ²		N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
9" Floor Tile and Mastic Assumed Mastic N/A* N/A* N/A* N/A* N/A* The 9" floor tile and master were assumed ACMs. Transite Fume Hood 15% Chrysotile 1 ea Non-Friable Miscellaneous N/A* N/A* N/A* N/A* N/A* The transite fume hood is located along the southwest wall next to the door in this roor N/A* Room 303A 9" Floor Tile and Assumed Assumed 60 ft² Non-Friable N/A* N/A* N/A* N/A* N/A* The 9" floor tile and master were assumed	Room 303			I	<u>I</u>	<u> </u>		
Room 303A 9" Floor Tile and Assumed 60 ft Non-Friable N/A* N/A* The 9" floor tile and master were assumed	9" Floor Tile and	Assumed	540 ft ²		N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
9" Floor Tile and Assumed 60 ft ² Non-Friable N/A* N/A* The 9" floor tile and master were assumed	Transite Fume Hood	15% Chrysotile	1 ea		N/A*	N/A*	N/A*	The transite fume hood is located along the southwest wall next to the door in this room.
9" Floor Tile and Assumed 60 ft^2 Non-Friable N/A^* N/A^* N/A^* The 9" floor tile and master were assumed	Room 303A		1		I		<u> I</u>	1
	9" Floor Tile and	Assumed	60 ft ²		N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) STEVENS HALL (BUILDING A070)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 5 5 F	ASSESS.	NOTES
Room 304							
2'x4' Ceiling Tile with Lengthwise Fissures	5% Amosite Abated Jan 2015	128 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	144 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Black Lab Countertop	10% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertop is located in the northeast corner of the room.
304A		1	1	1	1		
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	240 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	144 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Transite Fume Hood	15% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The transite fume hood is located along the west wall next to the door in this room.
Black Lab Countertop	13% Chrysotile 2% Amosite	2 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertops are located along the east and west walls of the room.
Room 305 Abated	April 2024		1	1	1	l	
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	2 fittings	Friable TSI	Good	Physical □□□ Air Erosion □□□ Vibration □□□	5	The hard fittings are on pipe runs above the ceiling tile that cross the room from north to south along the east wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	448 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S ± S S S S S S S S S S S S S S S S S	ASSESS.	NOTES
		•	•	•		•	
9" Floor Tile and Mastic	Assumed	448 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Transite Fume Hood	13% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The transite fume hood is located along the wes wall next to the door in this room.
Black Lab Countertop	13% Chrysotile 2% Amosite	2 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertops are located along the west wall and in the middle of the room.
Room 306							
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite Abated April 20	400 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9 " Floor Tile and Mastic	Assumed Abated April 202	400 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Transite Fume Hood	13% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The transite fume hood is located along the northwest wall in the corner of the room.
Black Lab Countertop	13% Chrysotile 2% Amosite Abated April 202	2 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertops are located along the west wall and in the middle of the room.
Room 307	· · · · · · · · · · · · · · · · · · ·			1	1	1	
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	2 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are above the ceiling tile on pipe runs in the south part of the room.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 5 5 € POTENTIAL	ASSESS. CAT. ¹	NOTES
Room 308							
2'x4' Ceiling Tile with	5% Amosite	784 ft ²	Friable	Good	Physical □□ ■	6	None.
tengthwise Fissures and Pinholes	Abated April 202	24	Miscellaneous		Air Erosion □■□ Vibration ■□□		
9" Floor Tile and Mastic	Assumed	784 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
iviastic	Abated April 202	24	Wilsecharicous				, revis.
Transite Fume Hood	13% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The transite fume hood is located along the northeast corner next to the door in this room.
Black Lab Countertop	2% Amosite	5 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertops are located in the center of the room to the west wall and two
Abated April 202	Black count	er under ho	ood remains				small countertops are along the east wall.
Room 309 Abated	April 2024						
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	144 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	144 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 311 Including			1		1		
2'x4' Ceiling Tile with tengthwise Fissures and Pinholes	5% Amosite bated May 2023	836 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and	Assumed	836 ft ²	Non-Friable	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be
Mastic Ab	ated May 2023	<u> </u>	Miscellaneous				ACMs.
Transite Fume Hood	13% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The transite fume hood is located along the southeast corner in this room.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) STEVENS HALL (BUILDING A070)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S S S S S S S S S S S S S S S S S S	ASSESS. CAT. ¹	NOTES
Black Lab Countertop Abat	13% Chrysotile 2% Amosite ed May 2023	7 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertops are located along all walls in the room. (All of the lab countertops are positive in this room).
Room 311A Aba	ted May 2023						
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	4 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are above the ceiling tile on pipe runs along the north and west walls of the room.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	144 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 311B		1				1	
2'x4' Ceiling Tile with tengthwise Fissures and Pinholes	5% Amosite bated May 2023	180 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Ab	Assumed ated May 2023	144 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Transite Fume Hood	13% Chrysotile 2% Amosite	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The transite fume hood is located along the south wall next to the door in this room.
Black Lab Countertop	15% Chrysotile 2% Amosite	2 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The black lab countertops are located along the east and south walls in the room.

Room 311C--See Room 311

^{* =} Non-Friable materials were not assessed Page 30 of 37

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ASSESS.	NOTES
uly 2013						
5% Amosite	80 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
Assumed	80 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
			1	1	1	
5-20% Chrysotile	2 fittings	Friable TSI	Good	Physical □□□ Air Erosion □□□ Vibration □□□	5	The hard fittings are above the ceiling tile on pipe runs in the center of the room.
5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
	1		I	1	1	
Assumed	500 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
	uly 2013 5% Amosite Assumed 5% Amosite 5% Amosite 5-20% Chrysotile 5% Amosite Assumed	ASSESTOS TYPE QUANTITY Uly 2013 5% Amosite 80 ft² 5% Amosite 120 ft² Assumed 120 ft² 5-20% Chrysotile 2 fittings 5% Amosite 120 ft² Assumed 120 ft²	ASBESTOS TYPE QUANTITY ACM TYPE uly 2013 5% Amosite 80 ft² Friable Miscellaneous 5% Amosite 120 ft² Friable Miscellaneous 120 ft² Non-Friable Miscellaneous 5-20% Chrysotile 2 fittings Friable TSI 5% Amosite 120 ft² Non-Friable Miscellaneous 4ssumed 120 ft² Non-Friable Miscellaneous Assumed 120 ft² Non-Friable Miscellaneous	ASSUMED 179E QUANTITY ACM 179E CONDITION Uly 2013 5% Amosite 80 ft² Friable Miscellaneous N/A* Assumed 120 ft² Friable Miscellaneous Miscellaneous N/A* 5% Amosite 120 ft² Non-Friable Miscellaneous N/A* 5% Amosite 120 ft² Non-Friable Miscellaneous N/A* 5-20% Chrysotile 2 fittings Friable TSI Good Miscellaneous Miscellaneous Miscellaneous Miscellaneous Miscellaneous Miscellaneous Miscellaneous Miscellaneous Miscellaneous N/A* Assumed 120 ft² Non-Friable Miscellaneous N/A*	uly 2013 5% Amosite 80 ft² Friable Miscellaneous Good Air Erosion Vibration Air Erosion Vibration Image: Air Erosion Vibration Ima	uly 2013 5% Amosite 80 ft² Friable Miscellaneous Good Air Erosion □□□ Orbitation 6 Assumed 80 ft² Non-Friable Miscellaneous N/A* N/A* N/A* 5% Amosite 120 ft² Friable Miscellaneous Good Air Erosion □□□ Orbitation 6 Assumed 120 ft² Non-Friable Miscellaneous N/A* N/A* N/A* 5-20% Chrysotile 2 fittings TSI Good Air Erosion □□□ Orbitation 5 5% Amosite 120 ft² Friable Miscellaneous Good Physical □□□ Air Erosion □□□ Orbitation 6 Air Erosion □□□ Orbitation □□□ Air Erosion □□□ Orbitation 0 0 Assumed 120 ft² Non-Friable Miscellaneous N/A* N/A* N/A*

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 등 등 표 표 POTENTIAL	ASSESS. CAT. ¹	NOTES
Room 320 Now Ro	oom 399M						
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	56 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	56 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 321 Now Ro	oom 399W	•				•	
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	64 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	64 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 322							
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	4 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are above the ceiling tile on pipe runs in the center of the room and along the north wall.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	168 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	168 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 323				I.	-	1	1
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € E E E E E E E E E E E E E E E E E	ASSESS.	NOTES
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 324 Abated	Dec 2012	•					
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 325	1	1	1	1		1	,
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 326						1	l
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 327	l			1			
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	120 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 5 5 F F POTENTIAL	ASSESS.	NOTES
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Room 328			1		1		
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	3 fittings	Friable TSI	Good	Physical □■□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are above the ceiling tile on pipe runs in the center of the room along the north wall and below the sink cabinet.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	364 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	364 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Black Sink Undercoating	10% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The sink is along the south wall in this room.
Room 329 Abated I	March 2016	Room 329	made smaller	r by adding 3	329A in the corner		
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	11 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are above the ceiling tile on pipe runs along the north and south walls.
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	720 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.
9" Floor Tile and Mastic	Assumed	720 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.
Black Sink Undercoating	10% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The sink is along the north wall in this room.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 등 등 표 표 POTENTIAL	ASSESS. CAT. ¹	NOTES		
Room 330 Abated Dec 2012									
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	144 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.		
9" Floor Tile and Mastic	Assumed	144 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.		
Room 330A Abated	d June 2010					•			
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	100 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.		
9" Floor Tile and Mastic	Assumed	100 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.		
White Sink Undercoating	10% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The sink is along the east wall in this room.		
Room 331 Abated	Dec 2012		<u> </u>			1	<u> </u>		
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	2 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are above the ceiling tile on pipe runs in the middle of the room.		
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	624 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.		
9" Floor Tile and Mastic	Assumed	624 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.		
Transite Fume Hood	15% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The transite fume hood is located along the east wall in this room.		

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S S S S S S S S S S S S S S S S S S	ASSESS. CAT. ¹	NOTES			
Room 331A Abated	Room 331A Abated Dec 2012									
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	5 fittings	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	5	The hard fittings are above the ceiling tile on pipe runs along the west wall and in the middle of the room.			
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	252 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None.			
9" Floor Tile and Mastic	Assumed	252 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.			
Room 332	Room 332									
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	21 fittings	Friable TSI	Damaged	Physical □■□ Air Erosion ■□□ Vibration □■□	1	The hard fittings are on pipe runs along the middle to west sides of the room.			
3rd Floor Hallways	3rd Floor Hallways Abated July 2013									
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	9 fittings	Friable TSI	Damaged	Physical ■□□ Air Erosion □■□ Vibration ■□□	1	The hard fittings are on pipe runs above the ceiling tile outside rooms 319, 320, & 321. Refer to the ACM Location map for more details.			
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	5% Amosite	1,400 ft ²	Friable Miscellaneous	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	Refer to the ACM Location map for more details.			
9" Floor Tile and Mastic	Assumed	2300 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and master were assumed to be ACMs.			
Window Glazing on Doors	5% Chrysotile	4 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	There are two doors with window glazing by the southwest stairwell and two doors with window glazing by the northeast stairwell.			
Rainleader Bowl Insulation	5% Chrysotile 5% Amosite	1 ea	Friable TSI	Good	Physical ■□□ Air Erosion □■□ Vibration ■□□	1	The rainleader bowl insulation is above the ceiling tile outside rooms 319. Refer to the ACM Location map for more details.			

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) STEVENS HALL (BUILDING A070)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	HIGH MOD HIGH	ASSESS. CAT. ¹	NOTES
Room 401								
Hard Fittings on Fiberglass Insulation	5-20% Chrysotile	5 fittings	Friable TSI	Good	Physical Air Erosion Vibration		5	The hard fittings are on pipe runs along the south wall.
Exterior Abated Su	ımmer 2014							
Window Glazing North Wall Wind	5% Chrysotile dows Abated Jur	57 ea	Non-Friable Miscellaneous	N/A*	N/A	*	N/A*	The glazing is on the windows on the 1967 addition building.
Window Glazing (on windows around doors)	10% Chrysotile	8 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The glazing is on the windows around the doors at the main east entry of the Stevens Auditorium.
Window Glazing on Doors	5% Chrysotile	4 ea	Non-Friable Miscellaneous	N/A*	N/A	*	N/A*	The glazing is on the east entry doors to the Stevens Auditorium.

¹Assessment Categories:

- 1) Damaged or Significantly Damaged TSI ACM
- 2) Damaged Friable Surfacing ACM
- 3) Significantly Damaged Friable Surfacing ACM
- 4) Damaged or Significantly Damaged Friable Miscellaneous ACM

End

- 5) ACM with Potential for Damage
- 6) ACM with Potential for Significant Damage
- 7) Any Remaining Friable ACM or Friable Suspected ACM